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CLAIMS

1. New gown, jacket and trousers, suitable as protective clothing against biological agents and exhibiting very high level of protection against the penetration of liquids and microorganisms, mechanical resistance properties as well as outstanding softness, drapeability and comfort, characterized in that the material is manufactured by the lamination of an inner layer of non-woven polypropylene with an outer layer of polyethylene film, the unit weight ratio between polypropylene and polyethylene ranging from 70:30 to 50:50.
2. New gown, jacket and trousers as claimed in claim 1, characterized in that said ratio in unit weight between polypropylene and polyethylene ranges from 65:35 to 55:45.
3. New gown, jacket and trousers as claimed in claim 1, characterized in that the thickness of the material ranges between 270 and 340 microns and the unit weight ranges between 50 and 70 g/m².
4. New gown, jacket and trousers as claimed in claim 1, characterized in that the inner layer of nonwoven polypropylene has thickness ranging between 240 and 270 microns and unit weight ranging between 35 and 45 g/m² and the outer polyethylene film has a thickness ranging between 30 and 70 microns and unit weight ranging between 20 and 30 g/m².
5. New gown, jacket and trousers as claimed in claim 1, characterized in that the thickness of the material ranges between 285 and 315 microns and the unit weight ranges between 60.0 and 67.5 g/m².
6. New gown, jacket and trousers as claimed in claim 1, characterized in that the inner layer of nonwoven polypropylene has a thickness ranging

between 245 and 255 microns and unit weight ranging between 37.5 and 40.0 g/m² and the outer polyethylene film has a thickness ranging between 40 and 60 microns and unit weight ranging between 22.5 and 27.5 g/m².

7. New gown, jacket and trousers as claimed in claim 1, wherein the joins are made by heat welding.

8. Use of gown, jacket and trousers as claimed in claim 1, as protective clothing against biological agents, that is microorganisms (bacteriae, parasites, fungi, viruses), including those which have been genetically modified, cell cultures and human endoparasites, which may be able to provoke any infection, allergy or toxicity.

9. Use as claimed in claim 8, characterized in that said biological agents are microorganisms that can be transmitted by blood and body fluids (HBV, HCV, HIV).

10. Use as claimed in claim 8, characterized in that said biological agents are the agents responsible for BSE and other TSE.

11. Use as claimed in claim 8, wherein the biological agent is the Bacillus Anthracis.

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